

**CLAIMS****What is claimed is:****[C1]**

1. A medical tack comprising:  
a shaft having a point end and a base end;  
an attachment point formed near said point end;  
an attachment point formed near said base end; and  
means for varying a position of one of said attachment points.

**[C2]**

2. The medical tack according to claim 1, wherein said means for varying said position is a nut.

**[C3]**

3. The medical tack according to claim 1, wherein said means for varying said position is an elastomer.

**[C4]**

4. The medical tack according to claim 1, wherein said means for varying said position is a spring.

**[C5]**

5. The medical tack according to claim 4, further comprising a flange near said base end for seating said spring.

**[C6]**

6. The medical tack according to claim 5, wherein said spring is a coil spring formed around said shaft.

**[C7]**

7. The medical tack according to claim 4, wherein said spring is a dome spring.

**[C8]**                    8.     The medical tack according to claim 4, wherein said spring is a leaf spring.

**[C9]**                    9.     The medical tack according to claim 4, wherein said spring is a plurality of leaf springs of varying length.

**[C10]**                  10.    The medical tack according to claim 6, further comprising a washer adjacent to said spring.

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- [C11]** 11. A retinal tack for attaching a retinal device comprising:  
a shaft having a point end and a base end;  
an attachment point formed near said point end;  
an attachment point formed near said base end; and  
means for varying a position of one of said attachment points.
- [C12]** 12. The retinal tack according to claim 11, wherein said means for varying said attachment point is a nut.
- [C13]** 13. The retinal tack according to claim 11, wherein said means for varying said attachment point is a spring.
- [C14]** 14. The retinal tack according to claim 11, wherein said shaft is sized such that said tack will pierce said retinal device, a retina and a sclera such that said attachment point formed near said point end abuts a back side of the sclera and tends to prevent the tack from being withdrawn.
- [C15]** 15. The retinal tack according to claim 13, further comprising a flange near said base end for seating said spring.
- [C16]** 16. The retinal tack according to claim 13, wherein said spring is a coil spring formed around said shaft.
- [C17]** 17. The retinal tack according to claim 13, wherein said spring is a dome spring.
- [C18]** 18. The retinal tack according to claim 13, wherein said spring is a leaf spring.

**[C19]** 19. The retinal tack according to claim 13, wherein said spring is a plurality of leaf springs of varying length.

**[C20]** 20. The retinal tack according to claim 16, further comprising a washer adjacent to said spring.

**[C21]** 21. The retinal tack according to claim 13, wherein said spring exerts less than  $0.2 \text{ g/mm}^2$  across the surface of a retinal device.

**[C22]**

22. A retinal tack for attaching a retinal device comprising:

a shaft having a point end and a base end;  
a barb formed near said point end;  
a flange formed near said base end;  
a coil spring, having one end affixed to said flange and circling around said shaft; and  
a washer affixed to an end of said spring, opposite to said one end, wherein said shaft is sized such that said tack will pierce said retinal device, a retina and a sclera such that said barb abuts a back side of the sclera and tends to prevent the tack from being withdrawn, and said washer abuts said retinal device exerting less than  $0.2 \text{ g/mm}^2$  across the surface of a retinal device.